




10/12/00

228	214	Subclass	ISSUE CLASSIFICATION

PATENT NUMBER

**6585150**



6585150

**U.S. UTILITY PATENT APPLICATION**

O.I.P.E.		PATENT DATE
SCANNED <i>Am</i>	Q.A. <i>W</i>	JUL 01 2003

APPLICATION NO. 09/687524	CONT/PRIOR	CLASS 228	SUBCLASS 214	ART UNIT 1725	EXAMINER Johnson
------------------------------	------------	--------------	-----------------	------------------	---------------------

## APPLICANTS

William Bernier  
Donald Henderson  
James Spalik  
Isabelle Paquin

**TITLE**

Solder protective coating and fluxless joining of flip chip devices  
on laminates with plated solder

PTO-2040  
12/99

**Best Available Copy**

**PREPARED AND APPROVED FOR ISSUE**

<b>ISSUING CLASSIFICATION</b>								
<b>ORIGINAL</b>			<b>CROSS REFERENCE(S)</b>					
<b>CLASS</b>	<b>SUBCLASS</b>		<b>CLASS</b>	<b>SUBCLASS (ONE SUBCLASS PER BLOCK)</b>				
228	214		228	223				
<b>INTERNATIONAL CLASSIFICATION</b>			427	96				
B	2	3 K	31 / 02					
			/					
			/					
			/					
			/					
			/					
			/					

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>			<b>CLAIMS ALLOWED</b>	
	Sheets Drwg. 1	Figs. Drwg. 1	Print Fig. 1	Total Claims 15	Print Claim for O.G. 1
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.	<i>Jonath Jh</i> (Assistant Examiner)			<b>NOTICE OF ALLOWANCE MAILED</b>  <i>1/27/03</i>	
	<i>Tom Dunn</i> <b>TOM DUNN</b> <b>SUPERVISORY PATENT EXAMINER</b> <b>TECHNOLOGY CENTER 1700</b>  _____ (Primary Examiner)			<b>ISSUE FEE</b> Amount Due <i>\$1300</i>	
<input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	<i>1/25/03</i> (Date)			Date Paid <i>4/21/03</i>	
	<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.			<b>ISSUE BATCH NUMBER</b>	
<i>Jan</i> (Legal Instruments Examiner)			<i>3/14/03</i> (Date)		

**WARNING:**

**WARNING:** The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form **PTO-435A**  
(Rev. 6/98)

# THE NEW YORK PUBLIC LIBRARY

(LABEL AREA)

(FACE)

WORK Drawing